
Course: Engineering Geology - Grade: 3rd level-Geology

Topics of Research Subjects

- 1) Engineering properties of different rock types
- 2) Rock mass & Rock mass improvements
- 3) Soil formation, Soil profiles & The five soil forming factors
- 4) Physical properties of soils
- 5) Atterberg limits & Fine grained soil classification
- 6) Unified Soil Classification System (USCS)
- 7) Problematic soil
- 8) Soil & Site improvement techniques
- 9) Falls & Flows as slope movement types & slope stabilization
- 10) Slides & Subsides as mass movement processes

رئيس مجلس القسم

(أ.د/ علاء محمد سالم)

القائم بالتدريس

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